

agricultural expertise by providing training opportunities for students to assist in the research projects being conducted by scientists at these institutions.

REGULATIONS, GUIDELINES, AND LITERATURE:

Administrative Manual for Evans-Allen Cooperative Agricultural Research, May 1982; 7 CFR Part 3015, USDA Uniform Federal Assistance Regulations; 7 CFR Part 3017, Government wide Debarment and Suspension (Nonprocurement) and Government wide Requirements for Drug-Free Workplace (Grants); 7 CFR Part 3018, New Restrictions on Lobbying; and 7 CFR Part 3019, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and other nonprofit organizations.

INFORMATION CONTACTS:

Regional or Local Office:

None.

Headquarters Office:

Deputy Administrator, Partnerships, Cooperative State Research, Education, and Extension Service, Department of Agriculture, Washington, DC 20250.

Telephone: (202) 720-5623.

Web Site Address:

<http://www.reeusda.gov>.

RELATED PROGRAMS:

10.001, Agricultural Research_Basic and Applied Research; 10.200, Grants for Agricultural Research, Special Research Grants; 10.202, Cooperative Forestry Research; 10.203, Payments to Agricultural Experiment Stations Under the Hatch Act; 10.206, Grants for Agricultural Research_Competitive Research Grants; 10.207, Animal Health and Disease Research; 10.219, Biotechnology Risk Assessment Research; 10.250, Agricultural and Rural Economic Research; 10.500, Cooperative Extension Service; 10.652, Forestry Research.

EXAMPLES OF FUNDED PROJECTS:

Not applicable.

CRITERIA FOR SELECTING PROPOSALS:

Not applicable.

10.206 GRANTS FOR AGRICULTURAL RESEARCH- COMPETITIVE RESEARCH GRANTS

(NATIONAL RESEARCH INITIATIVE COMPETITIVE GRANTS PROGRAM)

FEDERAL AGENCY:

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE, DEPARTMENT OF AGRICULTURE

AUTHORIZATION:

Section 2(b), Public Law 89-106, 7 U.S.C. 450i(b), as amended; Section 1414, Public Law 95-113; Section 1415, Public Law 97-98; Section 1409, Public Law 99-198; Section 1615, Public Law 101- 624; Public Law 104-127; Public Law 105-185.

OBJECTIVES:

To promote research in food, agriculture, and related areas to further the programs of USDA through the award of research grants on a competitive basis.

TYPES OF ASSISTANCE:

Project Grants.

USES AND USE RESTRICTIONS:

The selected areas for research include plants, animals, natural resources and environment, nutrition, food quality and health, markets, trade and rural development, and new products and processes. Grant funds may be used for costs necessary to conduct research (salaries and wages, scientific equipment, materials and supplies, travel, publication costs, and other allowable direct and indirect costs). Applicants should check annual proposal solicitation for limitation on indirect costs. Primary responsibility for general supervision of all grant activities rests with the grantee organization; the principal investigator is responsible for the scientific work. Funds may not be used for purposes other than those specified in the grant.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility:

State Agricultural Experiment Stations, U.S. colleges/universities, other U.S. research institutions and organizations, Federal agencies, private organizations or corporations, and individuals. Proposals from scientists at non-U.S. organizations will not be considered for support.

Beneficiary Eligibility:

State Agricultural Experiment Stations, U.S. colleges/universities, other U.S. research institutions and organizations, Federal agencies, private organizations or corporations, and individuals. Proposals from scientists at non-U.S. organizations will not be considered for support.

Credentials/Documentation:

Each prospective grantee organization must furnish the organizational information and assurances specified in the guidelines. This program is excluded from coverage under OMB Circular No. A-87.

APPLICATION AND AWARD PROCESS:

Preapplication Coordination:

All proposal solicitations are published in the Federal Register. This program is excluded from coverage under OMB Circular No. A-102 and E.O. 12372.

Application Procedure:

Formal proposal to National Research Initiative Competitive Grants Program, USDA/CSREES as outlined in the guidelines. Application procedures are contained in CSREES Research Grant Application Kit. This program is subject to the provisions of OMB Circular No. A-110 as implemented by 7 CFR Part 3019.

Award Procedure:

National Research Initiative Competitive Grants Program staff members review and evaluate all proposals with the assistance and advice of a peer panel of qualified scientists and other appropriate persons who are specialists in the field covered by the proposal. Proposals are accepted in order of merit to the extent permitted by available funds.

Deadlines:

As announced in the Federal Register for each fiscal year. Deadlines for submission of fiscal year 2002 proposals was from November 15, 2001, to February 15, 2002.

Range of Approval/Disapproval Time:

From 90 to 180 days.

Appeals:

None.

Renewals:

Proposals for renewal, should be submitted at the announced deadline.

Renewals are treated in competition with all other pending proposals.

ASSISTANCE CONSIDERATIONS:

Formula and Matching Requirements:

None.

Length and Time Phasing of Assistance:

Normally, competitive research projects will be supported for periods of up to 3 years.

POST ASSISTANCE REQUIREMENTS:

Reports:

Annual progress reports due within 90 days after anniversary of grant effective date and final technical report due 90 days after expiration of grant. Federal cash transaction reports and financial status reports as in Attachment G of OMB Circular A-110.

Audits:

In accordance with the provisions of OMB Circular No. A- 133 (Revised, June 24, 1997), "Audits of States, Local Governments, and Nonprofit Organizations," nonfederal entities that expend financial assistance of \$300,000 or more in Federal awards will have a single or a program-specific audit conducted for that year. Nonfederal entities that expend less than \$300,000 a year in Federal awards are exempt from Federal audit requirements for that year, except as noted in Circular No. A-133.

Records:

Grantees are expected to maintain separate records for each grant to insure that funds are used for the purpose for which the grant was made. Records are subject to inspection during life of the grant and for 3 years thereafter.

FINANCIAL INFORMATION:

Account Identification:

12-1500-0-1-352.

Obligations:

(Grants) FY 02 \$98,589,325; FY 03 est \$112,514,357; and FY 04 est \$112,514,357. Note: Grants are competitively awarded.

Range and Average of Financial Assistance:

\$4,000 to \$491,100. Average: \$119,790.

PROGRAM ACCOMPLISHMENTS:

Significant accomplishments include: (1) Researchers have discovered that the short-term and long-term structural performances of yellow poplar laminated veneer lumber are equivalent or slightly better than those of the traditionally used solid-sawn lumber. These results are opening doors for more acceptance of the product in the building industry and it can be a more affordable and sturdier product; (2) researchers have found that the use of a citrate buffer rather than a phosphate buffer in formulations can improve the stability and quality of some products by reducing the loss of aspartame and the formation of brown discoloration; and (3) researchers have developed a fertilizer applicator that keeps nitrogen in the plant root zone for longer periods of time. The applicator could decrease leaching which would reduce the amount of nitrate ending up in the environment.

REGULATIONS, GUIDELINES, AND LITERATURE:

Pages 61290-61306 Federal Register, Vol. 56, No. 231, Part II, December 2, 1991; 7 CFR 3015, USDA Uniform Federal Assistance Regulations; 7 CFR Part 3017, Government wide Debarment and Suspension (Nonprocurement) and Government wide Requirements for Drug-Free Workplace (Grants); 7 CFR Part 3018, New Restrictions on Lobbying. National Competitive Research Initiative Grants Program Administrative Provisions, Federal Register, Vol. 56, No. 220, Pages 57950-57958, November 14, 1991; and 7 CFR Part 3019, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations.

INFORMATION CONTACTS:

Regional or Local Office:

None.

Headquarters Office:

Chief Scientist, National Research Initiative Competitive Grants Program,
Cooperative State Research, Education, and Extension Service, U.S. Department
of Agriculture, Ag Box 2241, 14th and Independence Avenue, SW.,
Washington, DC 20250-2241. Telephone: (202) 401-5022.

Web Site Address:

<http://www.reeusda.gov>.

RELATED PROGRAMS:

10.001, Agricultural Research_Basic and Applied Research; 10.200, Grants for
Agricultural Research, Special Research Grants; 10.202, Cooperative Forestry
Research; 10.203, Payments to Agricultural Experiment Stations Under the
Hatch Act; 10.205, Payments to 1890 Land-Grant Colleges and Tuskegee
University; 10.207, Animal Health and Disease Research; 10.219,
Biotechnology Risk Assessment Research; 10.250, Agricultural and Rural
Economic Research; 10.652, Forestry Research.

EXAMPLES OF FUNDED PROJECTS:

Dietary Protein Affects Calcium and Bone Metabolism; Effects of Zinc on
Nuclear Actions of Thyroid Hormone; Molecular Genetic Analysis of Low
Temperature Signal Transduction in Plants; The Contribution of Deep Roots to
Whole-Plant Water Relations and Xylem; and Ovarian Dynamics and Host Use
in a Tephritid Fly.

CRITERIA FOR SELECTING PROPOSALS:

1. The scientific merit of the proposal, including the suitability and feasibility of
the approaches and methodology; 2. the probability that the research will
contribute to important discoveries or significant breakthroughs in food
production or human nutrition, in relation to the mission of this program; 3. the
qualifications of the principal investigator and other senior personnel, such as
training, demonstrated awareness of previous and alternative approaches to the
problem, and performance record and/or potential for future accomplishment;
and 4. the probable adequacy of available or obtainable facilities, equipment,
instrumentation, and technical support. Research grants will be considered in
selected areas of plant systems; animal systems; natural resources and
environment; and nutrition, food quality and health which have been considered
by a number of scientific groups to possess exceptional opportunity for
fundamental scientific discovery and for contributing, in the long run, to applied
research and development vitally needed on important food and nutrition
problems. Consideration will be given to research proposals which address
fundamental questions in the relevant areas and which are consistent with the
long-range missions of USDA.

10.207 ANIMAL HEALTH AND DISEASE RESEARCH

FEDERAL AGENCY:

COOPERATIVE STATE RESEARCH, EDUCATION AND EXTENSION
SERVICE, DEPARTMENT OF AGRICULTURE

AUTHORIZATION:

National Agricultural Research, Extension, and Teaching Policy Act of 1977,
Section 1433, Public Law 95-113, as amended; Section 1429, Public Law 97-98;
Public Law 99-198; Public Law 101-624; Public Law 104-127; Public Law 105-
185.

OBJECTIVES:

To support animal health and disease research at eligible Schools and Colleges
of Veterinary Medicine, and State Agricultural Experiment Stations whose
purpose is to improve the health and productivity of food animals and horses
through effective prevention, control or treatment of disease, reduction of losses
from transportation and other hazards, and protect human health through control
of animal diseases transmissible to people.

TYPES OF ASSISTANCE:

Formula Grants.

USES AND USE RESTRICTIONS:

Research on animal health and disease of food animals and horses conducted in
eligible institutions under the following categories: 1) Infectious diseases; 2)
internal and external parasites; 3) noninfectious diseases, toxins, poisons,
transportation losses, predators and other hazards; 4) diseases and parasites of
wildlife transmissible to food animals and horses; and 5) diseases and parasites
of animals transmissible to people.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility:

Eligibility is restricted to the following public nonprofit institutions having
demonstrable capacity in animal disease research: 1) Schools and Colleges of
Veterinary Medicine; and 2) State Agricultural Experiment Stations. Funds are
appropriated by Congress for distribution to States and eligible State institutions
according to the statutory formula stated in the Act.

Beneficiary Eligibility:

Eligibility is restricted to the following public nonprofit institutions having
demonstrable capacity in animal disease research: 1) Schools and Colleges of
Veterinary Medicine; and 2) State Agricultural Experiment Stations. Funds are

appropriated by Congress for distribution to States and eligible State institutions
according to the statutory formula stated in the Act.

Credentials/Documentation:

The current capacity in food animal health and disease research must be
documented annually by eligible institutions. This program is excluded from
coverage under OMB Circular No. A-87.

APPLICATION AND AWARD PROCESS:

Preapplication Coordination:

All eligible institutions must file a current, certified list of animal health and
disease research capacity prior to the fiscal year for which funds are
appropriated. This program is excluded from coverage under OMB Circular No.
A-102 and E.O. 12372.

Application Procedure:

No application is necessary, but payment of funds is contingent on the approval
of an annual plan for programs to be conducted. Funds can be expended only on
projects approved by CSREES. This program is subject to the provisions of
OMB Circular No. A- 110 as implemented by 7 CFR Part 3019.

Award Procedure:

The release of funds to eligible institutions is contingent upon the filing of an
approved Program of Research and the certification that required nonfederal
funds are available to meet matching requirements. Funds can be expended only
by the recipient institution and only on research having had prior approval by
The Cooperative State Research, Education, and Extension Service (CSREES).

Deadlines:

None.

Range of Approval/Disapproval Time:

Not applicable.

Appeals:

Not applicable.

Renewals:

Not applicable.

ASSISTANCE CONSIDERATIONS:

Formula and Matching Requirements:

The Act provides that the Secretary in consultation with the Animal Health
Science Research Advisory Board shall distribute 48 percent of the funds to the
States on the basis of livestock value and income as determined by the U.S.D.A.
data. Forty-eight percent of the funds shall be distributed on the basis of animal
health and disease research capacity of eligible institutions. Distribution of a
State's allocation among its eligible institutions is made on the basis of the
animal health research capacity of these institutions. Animal health research
capacity is measured by the annual expenditures (excluding Section 1433 funds)
and scientist year equivalents in animal health and disease research in eligible
institutions. The Act limits the annual Federal payment a State may receive in
excess of \$100,000 to that amount made available and budgeted from nonfederal
sources for expenditures on animal health and disease research.

Length and Time Phasing of Assistance:

Funds must be expended or obligated in the year for which the appropriation
was made. Unliquidated obligations must be paid in the fiscal year following the
year of appropriation. Funds are released quarterly as needed to finance current
operations.

POST ASSISTANCE REQUIREMENTS:

Reports:

Fiscal year annual plan of work due August 15 of each year for the fiscal year
starting in October. Annual program financial report due December 1; Annual
progress report due February 15; Certification of Offset and Entitlement due
prior to October 1; Past year Obligations by Project due December 15.

Audits:

In accordance with the provisions of OMB Circular No. A- 133 (Revised, June
24, 1997), "Audits of States, Local Governments, and Non-Profit
Organizations," non federal entities that expend financial assistance of \$300,000
or more in Federal awards will have a single or a program-specific audit
conducted for that year. Nonfederal entities that expend less than \$300,000 a
year in Federal awards are exempt from Federal audit requirements for that year,
except as noted in Circular No. A-133.

Records:

Maintained by project. Retain payment documents 3 years.

FINANCIAL INFORMATION:

Account Identification:

12-1500-0-1-352.

Obligations:

(Grants) FY 02 \$4,756,934; FY 03 est \$4,756,638; and FY 04 est \$4,756,638.

Range and Average of Financial Assistance:

\$1,586 to 408,854. Average: \$65,515.

PROGRAM ACCOMPLISHMENTS:

Example of accomplishments include: Researchers developed the J-5 vaccine to
prevent coliform mastitis infections in dairy cattle. This preventive strategy also
reduces use of antibiotics protecting consumers from possible drug residues.

REGULATIONS, GUIDELINES, AND LITERATURE:

Administrative Manual for the Continuing Animal Health and Disease Research
Program, August 1982; 7 CFR Part 3015, USDA Uniform Federal Assistant
Regulations; 7 CFR Part 3017, Government wide Debarment and Suspension